EDQMC Circular geometry multi-nozzle diffusers



Description

High induction multi-nozzle diffusers equipped with 360° adjustable deflector nozzles.

Characteristics:

Material: galvanised steel.
Nozzles: White ABS.
Finish: painted white RAL 9016.

Installation on plenum with lateral, non-visible screws or with fixing bracket inside plenum and central hole on the diffuser.

Use

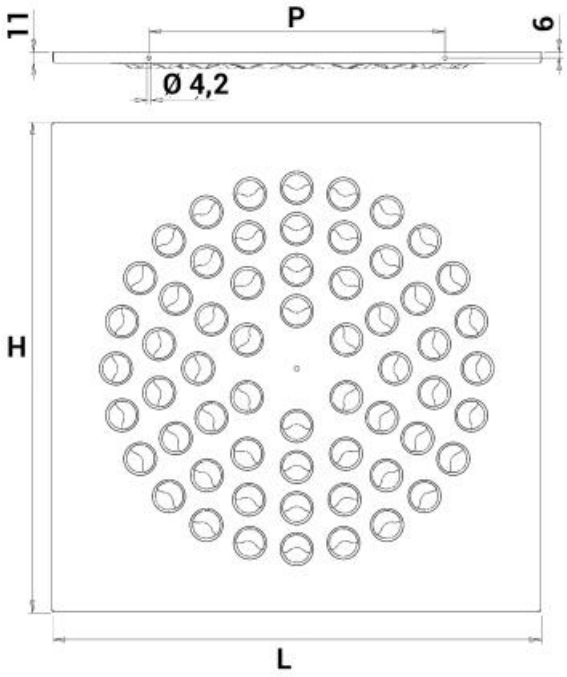
High induction multi-nozzle diffusers suitable for installation in rooms with a height between 2.5 and 4 m, both in heating and cooling mode.

Accessories

- EPZ-EDE galvanised plenum with damper and fixing bracket;
- EPZ-EDE-EQ galvanised plenum with damper, fixing bracket and equaliser;
- EPI-EDE insulated plenum with damper and fixing bracket;
- EPI-EDE-EQ insulated plenum with damper, fixing bracket and equaliser;
- screw and cap.

On request

Painting of panel only (not the white nozzles) in different RAL colours.



Dimensions

all dimensions are expressed in mm

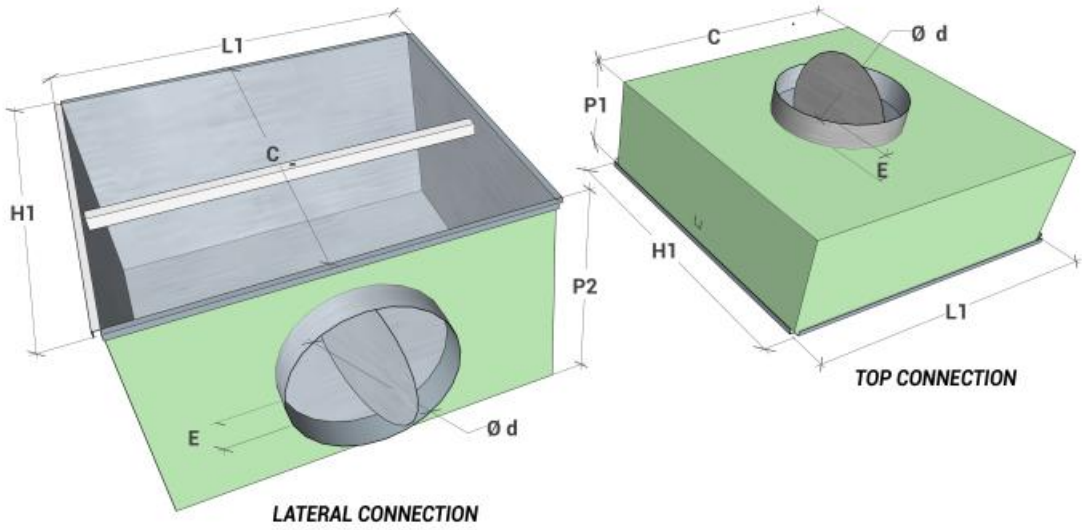
model	L	H	P
400	395	395	200
500	495	495	300
600	595	595	400

Operating data

Vk: effective speed (m/s)
m^3/h: flow rate
Pa: pressure drops in Pascal
L(m): air throw in metres referring to diffuser installed with Plenum + equaliser and open damper, terminal velocity 0.25 m/s
dB(A): noise level

model	effective cross-section m^2	Vk (m/s)	3	4	5	6	8	number of nozzles
400	0,0041	m^3/h	45	60	75	90	120	18
		L(m)	0,9	1,2	1,5	1,8	2,4	
500	0,0083	m^3/h	90	120	150	180	240	36
		L(m)	1,2	1,6	2	2,4	3,2	
600	0,0138	m^3/h	150	200	250	300	400	60
		L(m)	1,6	2,1	2,6	3,1	4,1	
noise level		dB(A)	20	25	30	35	40	-
pressure drop		Pa	15	22	30	42	70	-

Plenum dimensions



plenum model	Compatible air diffuser type	External dimensions L1 x H1	Ø d	P1	P2	C	E
400	EDQMC 400	392x392	198	200	300	360	50
500	EDQMC 500	492x492	198	200	300	460	50
600	EDQMC 600	592x592	248	200	350	560	50

Price list

model	400	500	600
	euro	euro	euro
EDQMC	95,08	108,25	134,60

Price list for plenum with lateral connection

Plenum with top connection, price on request

Model	Description	400	500	600
		euro	euro	euro
EPZ-EDE	Galvanised plenum with damper and fixing bracket	a.r.	a.r.	a.r.
EPZ-EDE-EQ	Galvanised plenum with damper, fixing bracket and equaliser	a.r.	a.r.	a.r.
EPI-EDE	INSULATED galvanised plenum with damper and fixing bracket	a.r.	a.r.	a.r.
EPI-EDE-EQ	INSULATED galvanised plenum with damper, fixing bracket and equaliser	a.r.	a.r.	a.r.
	SCREW AND CAP		5,93	